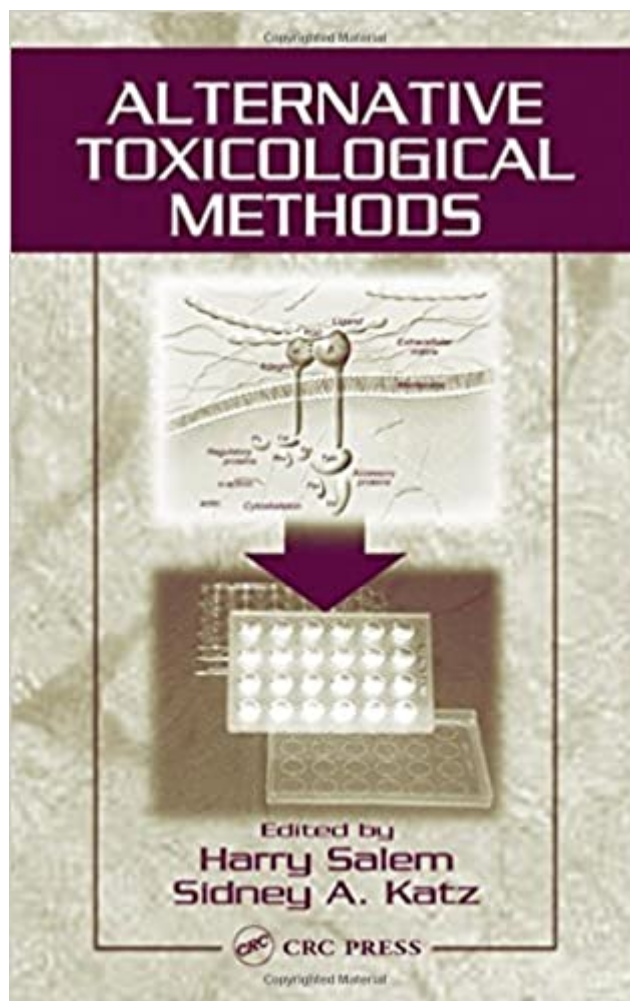


The book was found

# Alternative Toxicological Methods



## Synopsis

Bringing together the recent and relevant contributions of over 125 scientists from industry, government, and academia in North America and Western Europe, *Alternative Toxicological Methods* explores the development and validation of replacement, reduction, and refinement alternatives (the 3Rs) to animal testing. Internationally recognized scientists present what has been accomplished thus far in developing acceptable alternatives to traditional animal toxicological assessment and provide potentially new initiatives. In over 40 chapters, the book addresses 7 themes, beginning with the validation and regulatory acceptance of alternatives in the US, the UK, and Western Europe. Then the book covers methods based on the mechanisms of eye irritation at the ocular surface, dermal toxicity testing, and assessing neurotoxicity. It also includes a case study in the use of alternatives to determine the mechanism of sulfur mustard action and discusses the role of transgenics and toxicokinetics in the development of alternative toxicity tests. Finally the book presents recent innovations in alternatives, including the use of archival data, and in silico techniques. Focusing on the science and not the politics, *Alternative Toxicological Methods* concisely discusses the application of state-of-the-art methods and explores cutting-edge research related to developing and validating alternatives to animal testing. This book will benefit toxicologists, cosmetic chemists, pharmacologists, experimental biologists, dermatologists, ophthalmologists, and regulatory officers in their quest for applying the 3Rs to the use of animals in toxicological testing of drug candidates, chemicals, and cosmetics.

## Book Information

Hardcover: 616 pages

Publisher: CRC Press; 1 edition (March 26, 2003)

Language: English

ISBN-10: 084931528X

ISBN-13: 978-0849315282

Product Dimensions: 1.5 x 6.2 x 9.5 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #882,845 in Books (See Top 100 in Books) #117 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Toxicology](#) #124 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Hematology](#) #180 in [Books > Medical Books > Medicine > Internal Medicine > Hematology](#)

## Customer Reviews

"This is a futuristic glance into what is and what could be. Toxicologists, pharmacologists, experimental biologists, various systems specialists, and regulatory personnel and officers will find the procedures discussed of intriguing value for the toxicological testing of new drugs, chemical formulations, and personal care products and cosmetics." - in Veterinary and Human Toxicology Promo Copy

[Download to continue reading...](#)

Alternative Toxicological Methods Building Green, New Edition: A Complete How-To Guide to Alternative Building Methods Earth Plaster \* Straw Bale \* Cordwood \* Cob \* Living Roofs (Building Green: A Complete How-To Guide to Alternative) Fundamentals of Environmental and Toxicological Chemistry: Sustainable Science, Fourth Edition Directory Of Toxicological And Related Testing Laboratories Blackwell Complementary and Alternative Medicine: Fast Facts for Medical Practice (Complimentary and Alternative Medicine) Alternative Cancer Therapies (Cancer, Cancer Cure, Cancer Diet, Coping With Cancer, Cancer Books, Breast Cancer, Lung Cancer, Cancer Prevention, Colon Cancer) (Alternative Medicine Book 1) Alternative Photographic Processes: Crafting Handmade Images (Alternative Process Photography) Jill Enfield's Guide to Photographic Alternative Processes: Popular Historical and Contemporary Techniques (Alternative Process Photography) The Handbook of Alternative Assets: Making money from art, rare books, coins and banknotes, forestry, gold and precious metals, stamps, wine and other alternative assets Alternative Medicine Definitive Guide to Headaches (Alternative Medicine Definitive Guide) THE ALTERNATIVE QUILL: WRITING ALTERNATIVE HISTORY Natural Medicine for Arthritis: The Best Alternative Methods for Relieving Pain and Stiffness: from Food and Herbs to Acupuncture and Homeopathy Building Green: A Complete How-To Guide to Alternative Building Methods Earth Plaster \* Straw Bale \* Cordwood \* Cob \* Living Roofs GOING GREEN USING DIATOMACEOUS EARTH HOW-TO TIPS: An Easy Guide Book Using A Safer Alternative, Natural Silica Mineral, Food Grade Insecticide: Practical consumer tips, recipes, and methods Alternative Methods of Dispute Resolution Acrylic Fusion: Experimenting with Alternative Methods for Painting, Collage, and Mixed Media Quit Smoking Now and Forever: Methods to Quit Smoking And Live A Healthier Life (Quit Smoking, Stop Smoking Forever, Stop Smoking Addiction, Quit Smoking ... Methods to Quit Smoking, Healthier Life) Candida Albicans: Methods and Protocols (Methods in Molecular Biology) Candida Species: Methods and Protocols (Methods in Molecular Biology) Cystic Fibrosis Methods and Protocols (Methods in Molecular Medicine)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)